CLAIMS

What is claimed is:

1. A method for maintaining storage object consistency among nodes in a distributed storage architecture including a repository of last resort, the method comprising the steps of:

(a) monitoring storage object requests to the repository of last resort;

(b) deciding whether to migrate the repository of last resort; and

(c) migrating the repository of last resort.

2. The method of claim 1 further comprising the step of updating repository of last resort state bits.

3. The method of claim 1 wherein the step of deciding whether to migrate the repository of last resort further comprises determining if data in the repository of last resort is least recently used data.

4. The method of claim 1 wherein the step of deciding whether to migrate the repository of last resort further comprises determining a level of activity in an area of the distributed storage architecture including the repository of last resort.

5. A system for maintaining storage object consistency among nodes in a distributed system architecture including a repository of last resort, comprising:

a processor;

a storage coupled to the processor;

the processor operable to monitor data requests to the repository of last resort, decide whether to move the repository of last resort, and migrate the repository of last resort.

6. A system for maintaining storage object consistency among nodes in a distributed system architecture, each node including a processor and a storage coupled to the processor, the distributed system architecture having a repository of last resort, the system comprising:

a plurality of bits stored in an associated routing table of each node, the processor of each node operable to read the bits stored in the associated routing table and determine a direction to the repository of last resort through a neighbor node.